

Application/Control Number: 10/767,324

Page 2

Art Unit: 2672

Claims -PTO

01/29/04

1-44 (cancelled)

45. (New) An apparatus comprising:
a phase shifter to modulate the phase of coherent light including low-frequency pattern content that is not perceived by the human eye; and
a controller coupled to the phase shifter to remove the low-frequency pattern content from the coherent light.

46. (New) The apparatus of claim 45, wherein the phase shifter having a plurality of regions which have individually controllable modulation.

47. (New) The apparatus of claim 45, wherein the controller to provide a first phase modulation control input to a first of said regions and a second phase modulation to a second of said regions.

48. (New) The apparatus of claim 45, further comprising:
a phase array having a plurality of regions which have individually controllable modulation.

49. (New) The apparatus of claim 45, further comprising:
a content modulator to provide a first phase modulation control input to a first of said regions and a second phase modulation to a second of said regions.

50. (New) The apparatus of claim 48, wherein the phase array to despeckle the coherent light into despeckled light.

51. (New) The apparatus of claim 50, wherein the content modulator to modulate the despeckled light.

52. (New) The apparatus of claim 45, further comprising:
a light source to generate a light beam of the coherent light.

53. (New) The apparatus of claim 52, wherein the light beam is an electromagnetic beam in the visible spectrum.

54. (New) The apparatus of claim 52, wherein the light source is a laser.

55. (New) A video display device comprising:
a light source to generate a light beam of coherent light including low-frequency pattern content that is not perceived by the human eye;
a phase shifter coupled to the light source to modulate phase of the coherent light;
a controller coupled to the phase shifter to remove the low-frequency pattern content from the coherent light; and
a display screen coupled to receive the light beam.

56. (New) The video display device of claim 55 wherein the display screen is a television.

57. (New) The video display device of claim 55 wherein the display screen is a projection television.

58. (New) The video display device of claim 55 wherein the display screen is a computer monitor.